

In the Claims:

1. – 31. (cancelled)

32. (new) An adhesive for medical patches or for transdermal therapeutic systems, said adhesive having a tackiness which is activated and/or increased by contact with moisture or by absorption of moisture, wherein said adhesive comprises at least one pressure-sensitive adhesive polymer and at least one component selected from the group consisting of polyethers and acid anhydrides including acids and salts of acid anhydrides.

33. (new) The adhesive according to claim 32, wherein said polyethers are polyvinylalkyl ethers comprising polyvinyl methyl ether, polyvinyl ethyl ether, polyvinyl isobutyl ether and polyvinyl cyclohexyl ether.

34. (new) The adhesive according to claim 32, wherein said acid anhydrides comprise polymethyl vinyl-ether-polymaleic acid anhydride copolymers.

35. (new) The adhesive according to claim 32, wherein said at least one pressure-sensitive adhesive polymer is selected from the group consisting of polyacrylates, polyisobutylenes, polyisoprenes and silicone adhesives.

36. (new) An adhesive for medical patches or for transdermal therapeutic systems, said adhesive having a tackiness which is activated and/or increased by contact with moisture or by absorption of moisture, wherein said adhesive comprises at least one pressure-sensitive adhesive polymer and at least one cellulose derivative.

37. (new) The adhesive according to claim 36, wherein said at least one cellulose derivative comprises hydroxypropyl methyl cellulose, hydroxypropyl cellulose, sodium carboxymethyl cellulose, methyl cellulose, hydroxyethyl cellulose and hydroxypropyl

ethyl cellulose.

38. (new) The adhesive according to claim 36, wherein said at least one pressure-sensitive adhesive polymer is selected from the group consisting of polyacrylates, polyisobutylenes, polyisoprenes and silicone adhesives.